SUBMISSION ID: 595183

FACILITY: Dovetail Energy LLC - Anaerobic

Digestion Facility
LOCATION: Digestion Facility
1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene
DISTRICT: SWDO

STATUS: Original

PERMIT NUMBER: 1IN00305*AD

STATION CODE: 581

MONITORING PERIOD:

REPORTING LAB:

2016-06-01 To: 2016-06-30

MASI

ANALYST: Jeff Williamson

NO DISCHARGE INDICATOR:

PARAMETER	Biochemical Oxygen Demand, 5 Day	рН	Oil and Grease, Hexane Extr Method	Ammonia (NH3) In Sludge	Nitrogen Kjeldahl, Total In Sludge	Phosphorus, Total In Sludge	Potassium In Sludge
PARAMETER CODE	00310	00400	00552	00611	00627	00668	00938
UNITS	mg/l	S.U.	mg/l	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING			1				
TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2016-06-01							
2016-06-02			0000000				1
2016-06-03							
2016-06-04		***************************************					
2016-06-05							
2016-06-06							
2016-06-07							
2016-06-08	7700	8.37	6667	62100	103000	44600	14100
2016-06-09			000000000000000000000000000000000000000				
2016-06-10		***************************************					
2016-06-11			50				
2016-06-12	***************************************				***************************************		
2016-06-13							
2016-06-14							
2016-06-15						<u> </u>	
2016-06-16		***************************************					
2016-06-17	***********************************			***************************************	***************************************		
2016-06-18							_
2016-06-19		***************************************	<u> </u>		***************************************		_
2016-06-20							
2016-06-21			<u></u>			 	
2016-06-22 2016-06-23							
2016-06-23	***************************************	***************************************					
2016-06-25							
2016-06-26							
2016-06-27							
2016-06-28						 	-
2016-06-29			1			 	1
2016-06-30			10 198 198				1
Minimum	7700.0	8.37	6667.0	62100.0	103000.0	44600.0	14100.0
Maximum	7700.0	8.37	6667.0	62100.0	103000.0	44600.0	14100.0
Average	7700		6667	62100	103000	44600	14100
Count	1		1	1	1	1	1
							-
Name of Resp Official or Aut Representa	horized have pe stive familia submit	ersonally exam r with the info ted herein and	rmation based on my		f Responsible zed Represent		Submission Date/Time
Taylor Faecher Inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the				e			Certification Version Date 2016-07- 20 12:07

SUBMISSION ID: 595183

FACILITY: Dovetail Energy LLC - Anaerobic

LOCATION: Digestion Facility
1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene
DISTRICT: SWDO

STATUS: Original

PERMIT NUMBER: 1IN00305*AD

STATION CODE: 583 MONITORING PERIOD :

2016-06-01 To: 2016-06-30

REPORTING LAB: MASI

ANALYST: Jeff Williamson

NO DISCHARGE INDICATOR:

PARAMETER	Arsenic, Total In Sludge	Cadmium, Total In Sludge	Copper, Total In Sludge	Lead, Total In Sludge	Nickel, Total In Sludge	Zinc, Total I Sludge	n Selenium, Total In Sludge
PARAMETER CODE	01003	01028	01043	01052	01068	01093	01148
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2016-06-01							
2016-06-02							
2016-06-02							
2016-06-04							
2016-06-05							
2016-06-06							
2016-06-07		***************************************				***************************************	
2016-06-08	11	2	444	7	19	647	6
2016-06-09				-		31,	1
2016-06-10	***************************************		***************************************	***************************************			
2016-06-11							
2016-06-12							
2016-06-13							
2016-06-14	***************************************						
2016-06-15		***************************************		***************************************		***************************************	
2016-06-16							
2016-06-17	***************************************	***************************************		***************************************			
2016-06-18							
2016-06-19	***************************************					***************************************	
2016-06-20							
2016-06-21							
2016-06-22							
2016-06-23							
2016-06-24							
2016-06-25							
2016-06-26							
2016-06-27							
2016-06-28							
2016-06-29							
2016-06-30							
Minimum	11.0	2.0	444.0	7.0	19.0	647.0	6.0
Maximum	11.0	2.0	444.0	7.0	19.0	647.0	6.0
Average	11	2	444	7	19	647	6
Count	1	1	1	1	1	1	1
Name of Resp Official or Aut Representa	horized _{have p} itive _{familia}	y under the per ersonally exami r with the infor ted herein and l	mation		f Responsible (ized Represent		Submission Date/Time
Taylor Faecher Inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.				е			Certification Version Date 2016-07- 20 12:07

SUBMISSION ID: 595183

Dovetail Energy LLC - Anaerobic

FACILITY: Digestion Facility
LOCATION: 1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene
DISTRICT: SWDO

STATUS: Original

PERMIT NUMBER: 1IN00305*AD

STATION CODE: 583
MONITORING PERIOD:

NO DISCHARGE INDICATOR:

2016-06-01 To: 2016-06-30

REPORTING LAB: MASI

ANALYST: Jeff Williamson

PARAMETER	Fecal Coliform in Sludge	Sludge Fee Weight	Sludge Weight	Sludge Solids, Percent Total	Mercury, Total In Sludge	Molybdenum In Sludge	
PARAMETER CODE	31641	51129	70316	70318	71921	78465	
UNITS	MPN/G	dry tons	Dry Tons	%	mg/kg	mg/kg	
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	
SAMPLING TYPE	Composite	Total	Total	Composite	Composite	Composite	
2016-06-01	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	***************************************			
2016-06-02							
2016-06-03							
2016-06-04							
2016-06-05							
2016-06-06							
2016-06-07							
2016-06-08	404747	0	0	6.6	.03	10	
2016-06-09							
2016-06-10							
2016-06-11							
2016-06-12							
2016-06-13							
2016-06-14							
2016-06-15							
2016-06-16							
2016-06-17							
2016-06-18							
2016-06-19							
2016-06-20							
2016-06-21							
2016-06-22							
2016-06-23							
2016-06-24							
2016-06-25							
2016-06-26							
2016-06-27							
2016-06-28							
2016-06-29							
2016-06-30							
Minimum	404747.0	0.0	0.0	6.6	0.03	10.0	
Maximum	404747.0	0.0	0.0	6.6	0.03	10.0	
Average	404747	0	0	6.6	0.03	10	
Count	1	1	1	1	1	1	
lame of Resp Official or Aut Representa	horized have p	y under the peersonally exan		I Signature o	f Responsible ized Represent	Official or ative	Submission Date/Time

Official or Authorized Representative	I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Taylor Faecher	inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment		Certification Version Date 2016-07- 20 12:07

SUBMISSION ID: 595183

Dovetail Energy LLC - Anaerobic

FACILITY: [

COUNTY:

DISTRICT:

Digestion Facility 1146 Herr Rd

Fairborn, OH 45324

Greene SWDO STATUS: Original

PERMIT NUMBER: 1IN00305*AD

STATION CODE: 584
MONITORING PERIOD:

2016-06-01 To: 2016-06-30

REPORTING LAB:

ANALYST:

NO DISCHARGE INDICATOR: AL

PARAMETER	Biochemical Oxygen Demand, 5 Day	рН	Oil and Grease, Hexane Extr Method	Ammonia (NH3) In Sludge	Nitrogen Kjeldahl, Total In Sludge	Phosphorus Total in Sludg	
PARAMETER CODE	00310	00400	00552	00611	00627	00668	00938
UNITS	mg/l	S.U.	mg/l	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING							
TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2016-06-01							
2016-06-02							
2016-06-03							
2016-06-04							
2016-06-05							
2016-06-06			<u> </u>				
2016-06-07							
2016-06-08							
2016-06-09		***************************************				_	
2016-06-10							
2016-06-11							
2016-06-12							
2016-06-13							
2016-06-14	anancannascannascannascannascannascannascannascannascannascannascannascannascannascannascannascannascannascann	***************************************			***********************************		
2016-06-15							
2016-06-16			<u> </u>				
2016-06-17							
2016-06-18						.	
2016-06-19			<u> </u>				
2016-06-20			<u> </u>				
2016-06-21							
2016-06-22			<u> </u>				
2016-06-23		***************************************					
2016-06-24			<u> </u>				
2016-06-25							
2016-06-26							
2016-06-27			<u> </u>				
2016-06-28		***************************************					
2016-06-29			<u> </u>				
2016-06-30							
Minimum	000000000000000000000000000000000000000						
Maximum							
Average							
Count			100000000000000000000000000000000000000				
Name of Resp	onsible [certif	y under the pe	nalty of law that	I Signature o	f Responsible	Official or	Submission
Official or Aut	:horized have p	ersonally exan	nined and am	Author	ized Represent	ative	Date/Time
Representa	ative f _{amili} a	r with the info	rmation				
×		ted herein and					
		of those indiv					***************************************
	immed	iately responsi	ible for obtaining	g 🌡			Courtificant and
	the inf	ormation, I bel		-			Certification Version Date
Taylo	Or s ubmit		n is true, accurat	te 🛮			
Faech	and co	mplete. I am av	ware that there				2016-07-
I raecii	are sig	nificant penalt	ies for submittin	g			20 12:07
	false ir	nformation, inc	luding the				ZU 12:U/
	possib	<u>ility of fine and</u>	l imprisonment.				

SUBMISSION ID: 595183

Dovetail Energy LLC - Anaerobic

LOCATION:

FACILITY:

COUNTY:

DISTRICT:

Digestion Facility 1146 Herr Rd

Fairborn, OH 45324

Greene

SWDO

STATION CODE: **MONITORING PERIOD:** REPORTING LAB:

ANALYST:

NO DISCHARGE INDICATOR:

STATUS: Original

PERMIT NUMBER: 1IN00305*AD

> 584 2016-06-01 To: 2016-06-30

ΑL

PARAMETER	Arsenic, Total In Sludge	Cadmium, Tota In Sludge	l Copper, Total In Sludge	Lead, Total In Sludge	Nickel, Total In Sludge	Zinc, Total Sludge	In Selenium, Total In Sludge
PARAMETER CODE	01003	01028	01043	01052	01068	01093	01148
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING							
TYPE	Composite	Composite	Composite	Composite	Composite	Composit	e Composite
2016-06-01							
2016-06-02			<u> </u>				
2016-06-03							
2016-06-04							
2016-06-05							
2016-06-06							
2016-06-07							
2016-06-08							
2016-06-09			<u></u>				
2016-06-10							
2016-06-11							
2016-06-12							
2016-06-13							
2016-06-14							
2016-06-15							
2016-06-16							
2016-06-17							
2016-06-18							
2016-06-19							
2016-06-20							
2016-06-21							
2016-06-22							
2016-06-23							
2016-06-24				***************************************		***************************************	
2016-06-25							
2016-06-26			<u> </u>				
2016-06-27		1					
2016-06-28			1				
2016-06-29							
2016-06-30							
Minimum		1	1				
Maximum	000000000000000000000000000000000000000					***************************************	
Average Count	000000000000000000000000000000000000000						
Name of Resp	onsible I cort	ify under the no	nalty of law that	I Signature	of Responsible (Official or	Submission
Official or Aut	horized have	personally exam	nined and am	Author	rized Represent	ative	Date/Time
Representa	tive famili	ar with the info	rmation		•		
•		itted herein and					
		ry of those indiv					
			ble for obtaining	, I			
		formation, I bel		9			Certification
Taylo)r kuhmi		ieve the i is true, accurat	۵.			Version Date
-	8 1	omplete. I am av		,o			2016-07-
Faech			vare char there ies for submittin	a			
	101 G 21	information, inc		9			20 12:07
		nility of fine and					

possibility of fine and imprisonment.

SUBMISSION ID: 595183

COUNTY:

DISTRICT:

Dovetail Energy LLC - Anaerobic

FACILITY: Digestion Facility LOCATION: 1146 Herr Rd

Greene

Fairborn, OH 45324

SWDO

STATUS: Original

PERMIT NUMBER: 1IN00305*AD

STATION CODE:

MONITORING PERIOD: 2016-06-01 To: 2016-06-30

REPORTING LAB:

ANALYST:

NO DISCHARGE INDICATOR: AL

PARAMETER	Fecal Coliform in Sludge	Sludge Fee Weight	Sludge Weight	Mercury, Total In Sludge	Molybdenum in Sludge		
PARAMETER CODE	31641	51129	70316	71921	78465		
UNITS	MPN/G	dry tons	Dry Tons	mg/kg	mg/kg		
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month		
SAMPLING TYPE	Multiple Grab	Total	Total	Composite	Composite		
2016-06-01			1				
2016-06-02							
2016-06-03		***************************************		***************************************			
2016-06-04							
2016-06-05							
2016-06-06							
2016-06-07							
2016-06-08							
2016-06-09							
2016-06-10				30,000,000,000,000			
2016-06-11							
2016-06-12							
2016-06-13							
2016-06-14		***************************************					
2016-06-15							
2016-06-16		***************************************				******************************	
2016-06-17							
2016-06-18		~~~~~~				***************************************	
2016-06-19							
2016-06-20		***************************************		***************************************			
2016-06-21						***************************************	
2016-06-22							
2016-06-23							
2016-06-24							
2016-06-25							
2016-06-26		·····					
2016-06-27							
2016-06-28			.				
2016-06-29			_				
2016-06-30							
Minimum		***************************************		***************************************		200000000000000000000000000000000000000	
Maximum						000000000000000000000000000000000000000	
Average		000000000000000000000000000000000000000		000000000000000000000000000000000000000		***************************************	
Count							
Name of Resp Official or Aut Representa	horized _{have pe} ative _{familia} :	y under the pe ersonally exan r with the info ted herein and	rmation	I Signature o Author	f Responsible C ized Representa	Official or ative	Submission Date/Time
Taylo Faech	inquiry immedithe information submitted and cormare signification false in		e			Certification Version Date 2016-07- 20 12:07	

Dovetail Energy LLC - Anaerobic **FACILITY:**

Digestion Facility

PERMIT NUMBER:

1IN00305*AD

LOCATION: 1146 Herr Rd **MONITORING PERIOD:**

2016-06-01 To: 2016-06-30

Fairborn, OH 45324

PARAMETER COMMENTS:

Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
581	Sludge Weight	70316	2016-06-08	Dry Tons	Did not land apply this month, tested just in case.